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- . 1984b. Polígalas do Brasil—III. Seção *Gymnospora* Chod. do gênero *Polygala* L. (Polygalaceae). *Rodriguésia* 36(60): 31–34.
- . 1988. Polígalas do Brasil—V. Seção *Polygala* (Polygalaceae). *Arch. Jard. Bot. Rio de Janeiro*. 29: 1–114.
- & A. L. Peixoto. 2007. Estudo taxonômico de *Polygala* subgênero *Ligustrina* (Chodat) Paiva (Polygalaceae). *Rodriguésia* 58: 95–146.
- Paiva, J. A. R. 1998. *Polygalarum Africanarum et Madagascariensium prodomus atque gerontogaei generis Heterosamara* Kuntze, a genere *Polygala* segregati et a nobis denuo recepti, synopsis monographica. *Fontqueria* 50.
- Silva, E. B. M. 2001. A família Polygalaceae na Região de Catolés, Chapada Diamantina, Bahia, Brasil. Dissertação de Mestrado, Universidade Estadual de Feira de Santana, Feira de Santana.
- Wurdack, J. J. & L. B. Smith. 1971. Poligaláceas. Pp. 3–70 in P. R. Reitz (editor), *Flora Ilustrada Catarinense*. Itajaí, Santa Catarina.

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# A New Species of *Casearia* (Salicaceae) from Southeastern Brazil

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**ABSTRACT.** *Casearia espiritosantensis* R. Marquete & Mansano, a new species of Salicaceae from Espírito Santo, Brazil, is described and illustrated here. This species is similar to the widespread *C. decandra* Jacq. in having fasciculate inflorescences, lanceolate or elliptic-lanceolate leaves, and 10 stamens. The new species differs by being a shrub and having smaller stipules, anthers with apical glands, hirsute ovaries, and clavate stigmas. Other diagnostic aspects of *C. espiritosantensis* are the sparsely serrate leaf margins and the stipules with glands at the base of the adaxial surface.

**RESUMO.** *Casearia espiritosantensis* R. Marquete & Mansano, uma espécie nova de Salicaceae do Espírito Santo, Brasil, é descrita e ilustrada no presente trabalho. Esta espécie é semelhante a *C. decandra* Jacq., uma espécie amplamente distribuída, pela inflorescência fasciculada, folhas lanceoladas ou elíptico-lanceoladas e 10 estames. Difere pelo hábito arbustivo, pelas estípulas menores, pelas anteras com glândulas apicais, pelo ovário hirsuto e estigma clavado. Outros caracteres diagnósticos desta nova espécie são: margem das folhas esparsamente serreadas e estípulas com glândulas na base da face adaxial.

**Key words:** Atlantic rainforest, Brazil, *Casearia*, Espírito Santo, Flacourtiaceae, Salicaceae.

*Casearia* Jacq. (Salicaceae, formerly Flacourtiaceae) is a pantropical genus distributed in Africa and Central and South America with ca. 180 species. It occurs in varied habitats, including the Atlantic rainforest, savanna, and seasonal semideciduous forest, and is most diverse in Central and South America where 75 species have been found (Sleumer, 1980; Castillo-Campos & Abreo, 2003). According to Sleumer (1980) in his treatment for the *Flora Neotropica*, 45 species occur in Brazil. In his treatment, Sleumer (1980) described 15 new species

from Brazil and made some synonymizations; he based his classification of species on the work of Eichler (1871). Since then, increased field activity in Brazil has revealed new taxa that need to be described. The new species described here can be recognized in particular by its sparsely serrate leaf margins and the stipules with glands evident at the base of the adaxial surface.

***Casearia espiritosantensis*** R. Marquete & Mansano, sp. nov. TYPE: Brazil. Espírito Santo: Santa Teresa, Reserva Biol. Augusto Ruschi, estrada principal, próximo a sede, 2 Sep. 2003 (fl.), J. Rossini, E. Bausen & W. Pizziolo 527 (holotype, RB; isotype, MBML). Figure 1.

Species qua inflorescentiis fasciculatis, foliis lanceolatis vel elliptico-lanceolatis, sepalis quinque et staminibus decem ad *Caseariam decandram* Jacq. proxime accedit, sed ab ea habitu fruticoso, stipulis minoribus, antheris ad apicem glandulosis et stigmatibus clavatis differt.

Shrub, ca. 3 m tall; trunk with bark smooth, grayish brown; branches tomentose, basally glabrescent and apically densely tomentose, brown. Stipules 2.5–3 × ca. 0.25 mm, subulate, persistent, with claviform glands on the adaxial surface; leaves alternate, simple, with the petiole 2–3 m, terete, hirsute, slender; blades 3–5.2 × 1.6–2.2 cm, chartaceous, lanceolate or elliptic-lanceolate, abaxial surface sparsely villose, with the nerves villose, adaxial surface sparsely villose only on the primary vein, apex long-acuminate to acuminate, base acute, margin sparsely serrate, marginal teeth ca. 0.4 mm, more frequent in the upper half of the leaf blade, pellucid punctations minute and lateral veins in 4 ascending pairs, the other veins forming a dense reticulation, prominent on the abaxial surface. Inflorescences in fascicles, each fasciculate unit 4(to 9)-flowered; bracts ca. 1 mm, at the pedicel base, coriaceous,

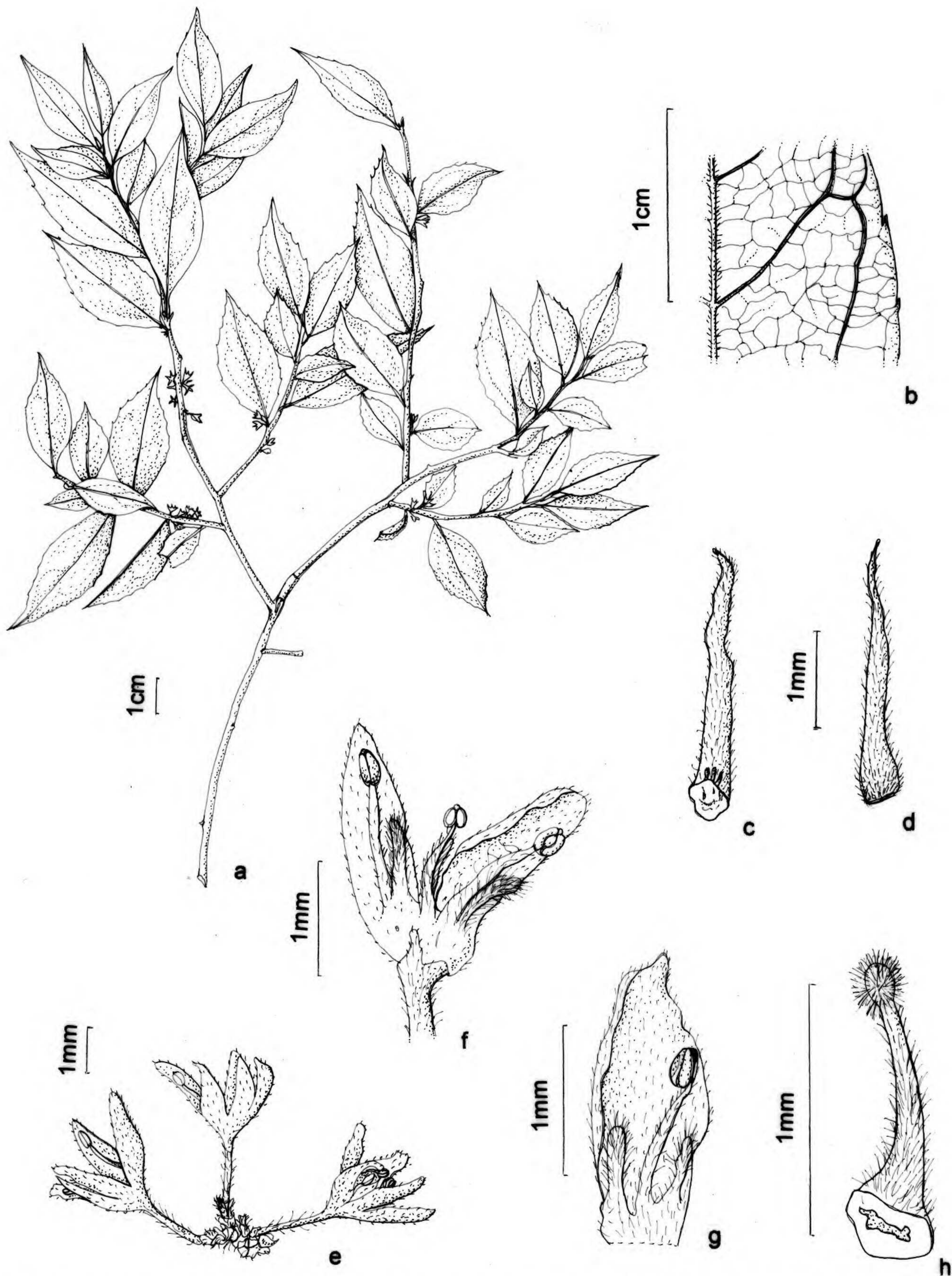


Figure 1. *Casearia espiritosantensis* R. Marquete & Mansano. —A. Fertile habit. —B. Detail of the abaxial leaf surface showing the margin. —C, D. Stipules, showing adaxial and abaxial surfaces, respectively. —E. Inflorescence. —F. Partial flower showing the gland at the apex of the anthers. —G. Disk lobes connate at the base of the sepals and alternate with the stamen. —H. Pubescent gynoeceum and stigma with hirsute trichomes. Drawn from the holotype, *Rossini et al.* 527 (RB).

ovate to cucullate; pedicels ca. 3 mm, terete, basally articulate, white, hirsute. Floral buds oblong-lanceolate, sparsely tomentose; flowers bisexual; sepals 5, ca.  $3.5 \times 1.2$  mm, fused basally, ovate, greenish white, tomentose, white externally, glabrescent at the base and tomentose internally; stamens 10, filaments

yellow, 1(–1.5) mm, sparsely pilose, free, anthers yellow, oblong, with a minute gland at the apex, glabrous; disk lobes yellow, ca. 1 mm, oblong, connate at the base of the sepals and alternate with filaments, pilose; ovary yellow, ovate to lanceolate-ovate, with trichomes sparse, hirsute, white, the style slender,